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Hon. Commissioner of Patents
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Sir:

EXPRESS MAILING CERTIFICATE
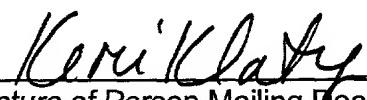
Applicant:	Steven D. Woods, et al.
Serial No (if any):	Not yet assigned
For:	Technology Management System Using Knowledge Management Disciplines, Web-Based Technologies And Web Infrastructures
Docket:	7784-000156
Attorney:	MDE/BDJ

"Express Mail" Mailing Label Number...........................EL684104410US

Date of Deposit ....December 21, 2000

I hereby certify and verify that the accompanying postcard; check in the amount of $912.00 ($710.00 filing fee, $162.00 for 9 claims in excess of 20, and $40.00 assignment recordal fee); transmittal letter (in duplicate); 33-page patent application; 7 sheets of informal drawings (showing Figures 1-7); signed Declaration; Assignment cover sheet (in duplicate); and signed Assignment are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 on the date indicated above and (is) are addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.
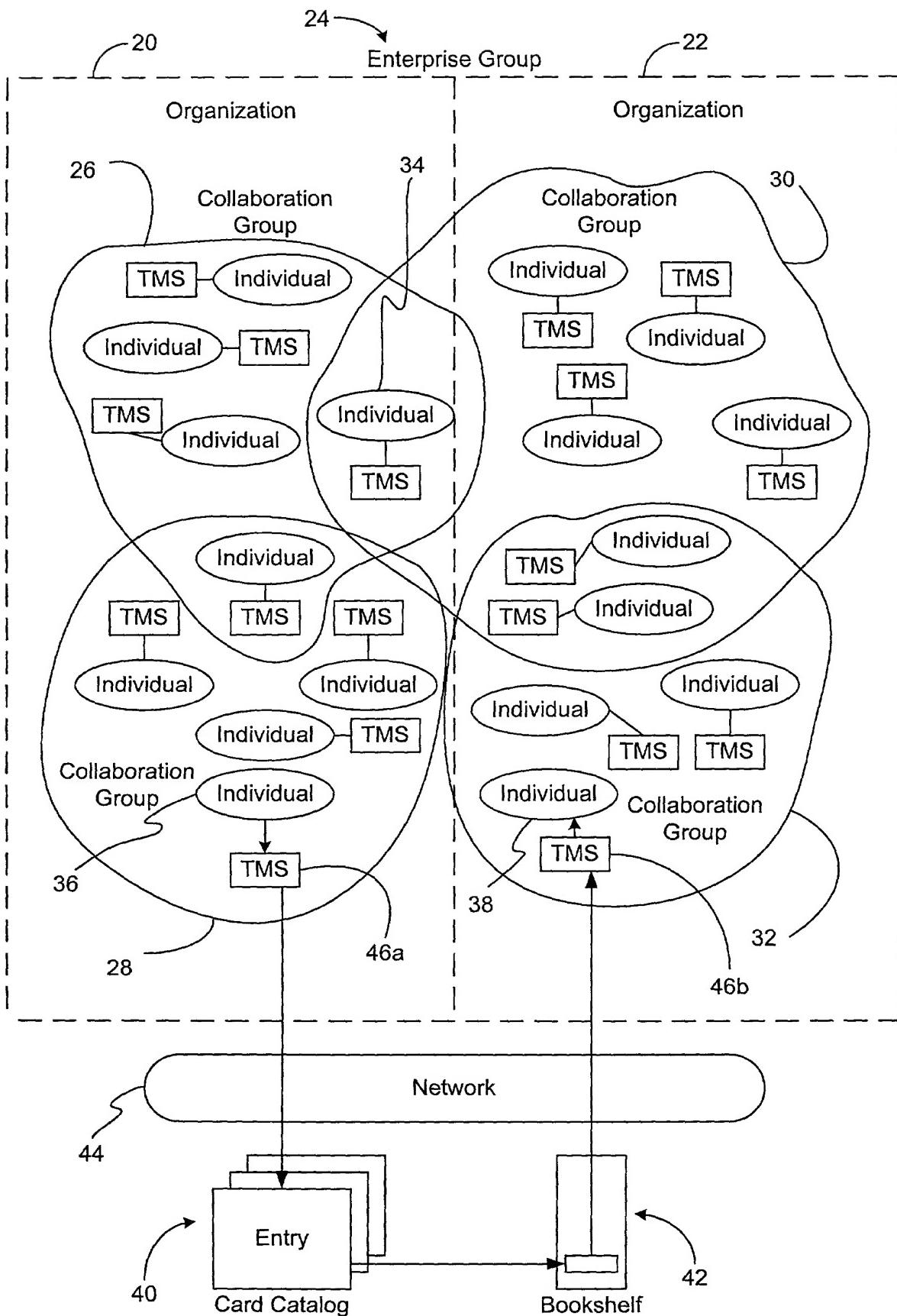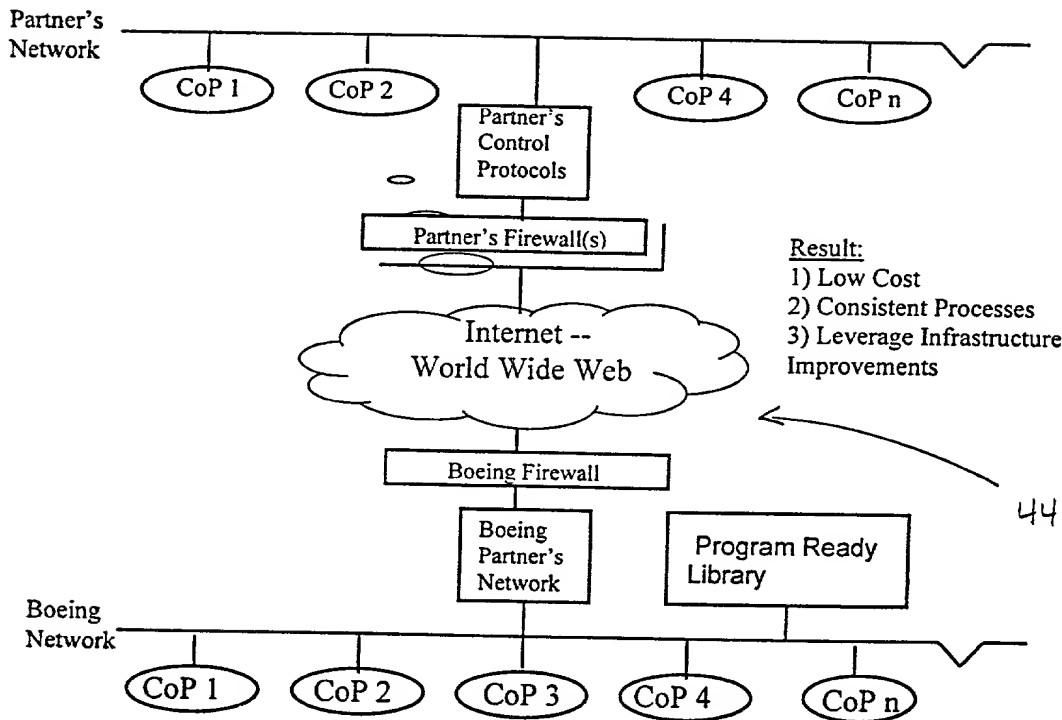
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Signature of Person Mailing Document(s)

FIG. 1

Partner's
Network
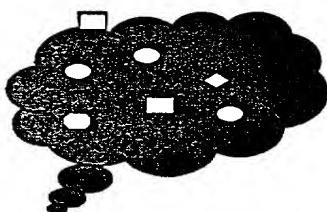
CoP 1   CoP 2   Partner's Control Protocols   CoP 4   CoP n

Partner's Firewall(s)

Internet --
World Wide Web

Result:
1) Low Cost
2) Consistent Processes
3) Leverage Infrastructure Improvements

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Boeing Firewall

Boeing Partner's Network   Program Ready Library

Boeing
Network

CoP 1   CoP 2   CoP 3   CoP 4   CoP n

FIG. 2

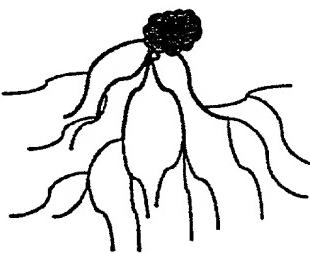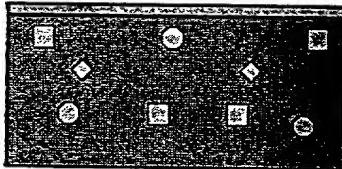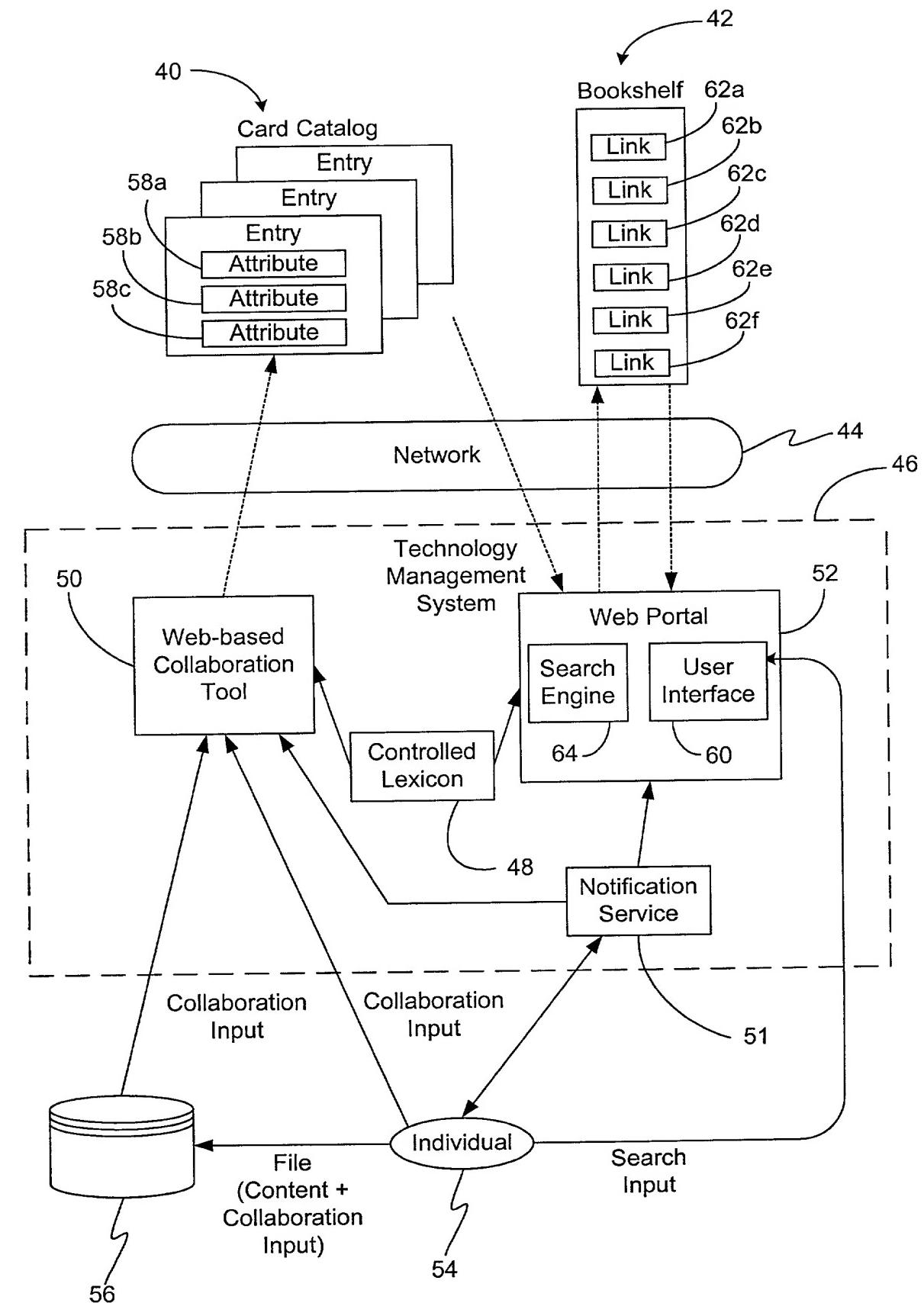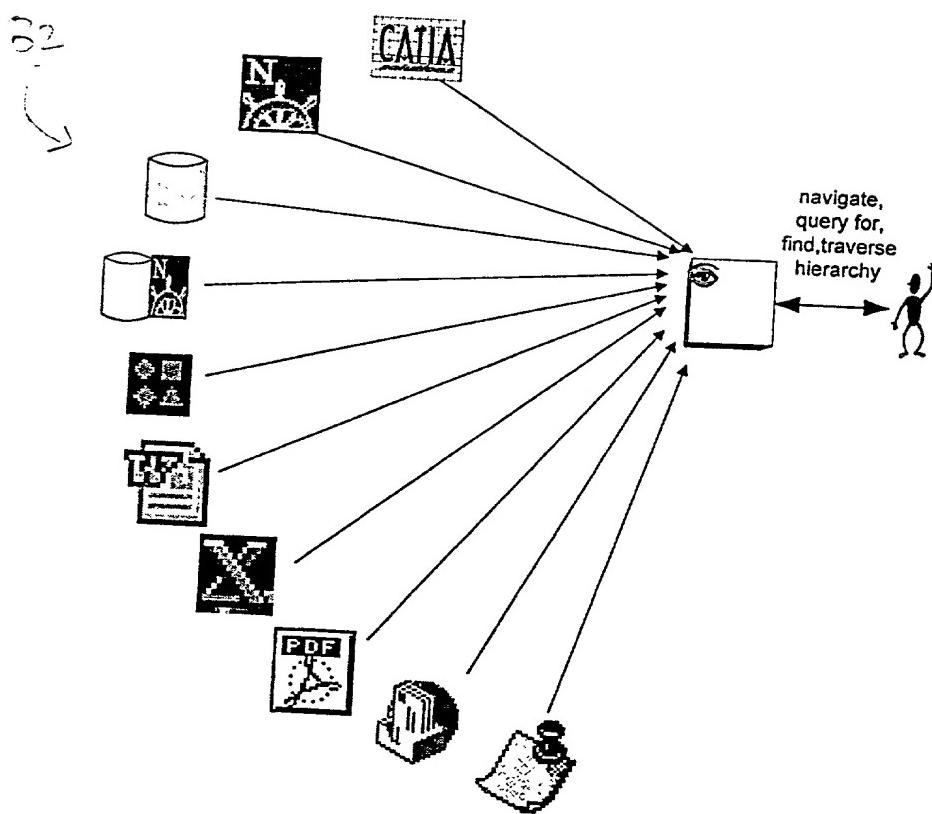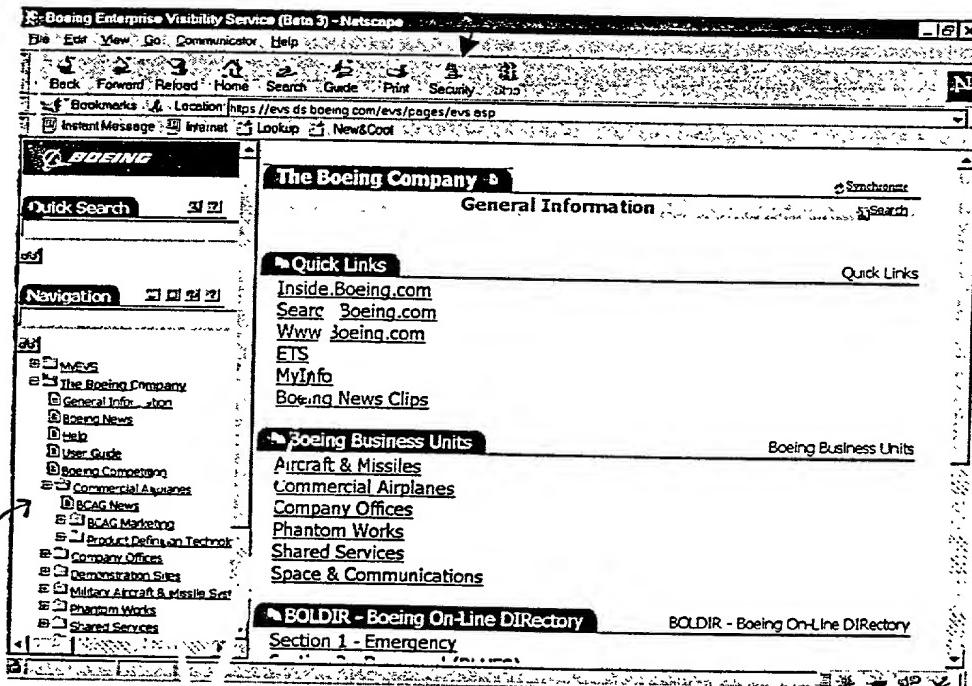| Concept Function		Requirements
	W E B B A S E D D E L I V E R Y S Y S T E M	**Enterprise Info Visibility -- Reuse** 1. create & manage multiple custom views 2. share blocks across views 3. support search & navigation 4. support restricted information access
		Enterprise Info Visibility -- Management 1. taxonomy management 2. vocabulary management 3. navigation capability management 4. security filter management
		Bookshelf Services & Processes 1. Information Asset Attribution Process 2. Readiness Attribution Process 3. Validation Recording Process 4. Security Attribution Process 5. Common Vocabulary Attribution Process 6. Thesaurus Association Process 7. Taxonomy Association Process 8. Integration (components & information sources) 9. Owner, Author, Steward Attribution Process

		Local Communities
		1. support collaboration
		  • within workgroups
		  • with external suppliers
		2. support knowledge creation
		  • authoring, tagging, reviewing, commenting
		  • sense-making & decision-making processes
		  • information mining, mapping, visualizing

		Computing Infrastructure 1. Desktop Tools 2. Security Infrastructure 3. Middleware Capabilities 4. Data Management Capabilities 5. Delivery System Platforms, Communication 6. Application Systems

FIG. 3

FIG. 4

FIG. 5

navigate,
query for,
find, traverse
hierarchy

The Taxonomy supports the *Navigation* mechanisms.

FIG. 6

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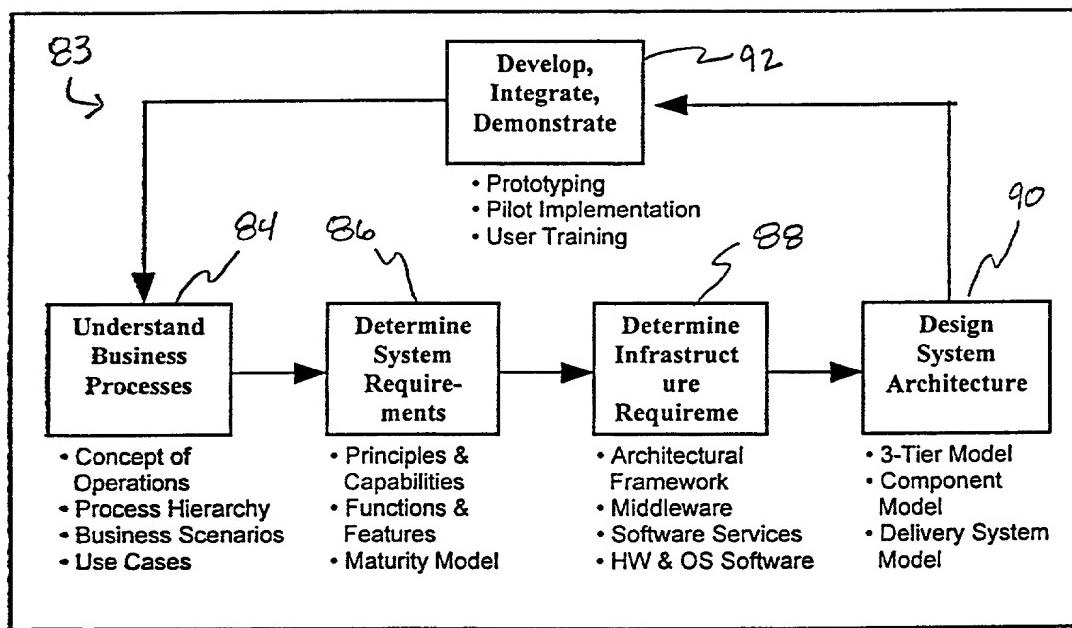**Develop, Integrate, Demonstrate** ~92

- Prototyping
- Pilot Implementation
- User Training

84   86   ⌇88   90

| **Understand Business Processes** | **Determine System Require- ments** | **Determine Infrastruct ure Requireme** | **Design System Architecture** |

- Concept of Operations
- Process Hierarchy
- Business Scenarios
- Use Cases

- Principles & Capabilities
- Functions & Features
- Maturity Model

- Architectural Framework
- Middleware
- Software Services
- HW & OS Software

- 3-Tier Model
- Component Model
- Delivery System Model

FIG. 7